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# KOREAN PATENT ABSTRACTS

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## (54) VIDEO SKIMMING SYSTEM USING SHOT SEGMENTATION DATA

(57) Abstract:

PURPOSE: A video skimming system using shot segmentation data is provided to correspond to the request of a user desiring to recognize the entire story of a video within a limited time or to move to a desired part. CONSTITUTION: A video skimming system consists of a user interface(601) inputting a user command such as speed used for skimming or the degree of video skimming; a main control unit(602) skimming video files based on indexing data according to the user command; a media file(603) providing digital video stream data to the main control unit; an index file(604) providing indexing data to the media file; and a display unit(605) playing back a skimmed video. In case of video skimming request input from a user, the main control unit decides which part of which shot is skimmed and played back and how fast each segment is played back. The main control unit decodes the media file and displays the frames on the display unit to provide the video skimming function to the user. Therefore, the user recognizes the entire story of a video within a limited time.

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